

# Ideation Phase


## Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID38800
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization Template:

#### Step-1: Team Gathering, Collaboration and Select the Problem Statement

Template



## Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 🕒 10 minutes to prepare
- 🕒 1 hour to collaborate
- 👤 2-8 people recommended

Share template feedback

➔

### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

🕒 10 minutes

A

**Team gathering**  
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B

**Set the goal**  
Think about the problem you'll be focusing on solving in the brainstorming session.

C

**Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.

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### Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

🕒 5 minutes

PROBLEM

**Monitoring the children continuously and Getting the location details of the children**



### Key rules of brainstorming

To run an smooth and productive session

🗣️ Stay in topic.

💡 Encourage wild ideas.

🕒 Defer judgment.

👂 Listen to others.

🗣️ Go for volume.

👁️ If possible, be visual.

## Step-2: Brainstorm, Idea Listing and Grouping

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### Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

**TIP**  
You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

### Prabagar S

Creation of Web Application

Creation of Geofence

Continuous Tracking of Children

Create mobile application

### Nithish P

Light weight

User friendly Application

Security to the Database

Using GPS for locating the Children

### Johnson A

Integration with parent's Mobile

Easily Wearable

Changing of Geofence is easire

Faster transmitting of Details

### Mohamed Yasin A

Gathering information of children

Monitoring the location of Children

Send information to the Parents

Less radiation

### Priyash R

Storing location details on Cloud

Integration with cloud

Provide better Battery life

Realtime monitoring of Children

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### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

**TIP**  
Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

### Tracking

Using GPS for locating the Children

Continuous Tracking of Children

Monitoring the location of Children

Changing of Geofence is easire

Creation of Geofence

### User Interface

User friendly Application

Creation of Web Application

Integration with parent's Mobile

Create mobile application

### Physical Features

Easily Wearable

Light weight

Less radiation

Provide better Battery life

Realtime monitoring of Children

### DataBase

Integration with cloud

Storing location details on Cloud

Security to the Database

### Step-3: Idea Prioritization

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#### Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕒 20 minutes

